ROUTE 5 CARMENITA ROAD INTERCHANGE

TCRP PROJECT # 43

EA 07-16885

PPNo TBD

07-LA-5 KP 3.9, PM 2.4

Los Angeles County



I. Purpose and Need

The Carmenita Road I-5 Interchange Reconstruction Project will replace the existing nonstandard interchange at Carmenita Road and Interstate 5 in the City of Norwalk, Los Angeles County. The current overcrossing configuration consists of a narrow, two-lane bridge and short, single-lane hook ramps. It is needed to accommodate the widening for the HOV lane project on Route 5. The reconstruction will also eliminate freeway backups, as current hook ramps and railroad grade crossing generate mainline backups due to inadequate storage.

Scope of Transportation Improvements

The Carmenita Road I-5 Interchange Reconstruction Project will include a six-lane bridge overcrossing with two-lane left turn pockets designed to current standards for sight distance. This project is part of the Route % Ultimate HOV corridor and will be the first to be delivered. A new tight diamond interchange configuration will be used providing two-lane off and on ramps with sufficient length to ensure adequate storage capacity for traffic.

II. Benefits

Transportation benefits

The I-5 is currently funded for the ultimate HOV construction starting in Spring 2007. The reconstruction of the Carmenita Road Interchange is needed to accommodate the I-5 Ultimate HOV project.

The current Average Daily Traffic (ADT) volume is 177,000 and is expected to increase to 220,000 by the year 2020.

The proposed project will provide the horizontal clearance required for the I-5 Ultimate HOV widening project. The new interchange will alleviate congestion on Carmenita Road and the grade separation for the rail crossing. The improvement will provide for safer and more efficient of traffic.

III. Cost

The Total Cost of the project is \$ 94.298 million. The funding details are as follow:

Fund Source	Programmed Amount (capital plus support)	Additional Funding Needs (if any)	Milestones to be met with funds (PA&ED, R/W Cert, RTL, CCA)
RTIP	\$ 6,458,000		R/W Cert.
ITIP			
Grandfathered STIP			
SHOPP			
Demo L21	\$ 15,090,000		R/W Cert, RTL
RSTP			R/W Cert, RTL
CMAQ	\$ 484,000 (Prop C)		CCA
TCRP	\$71,000,000		CCA
Private Funding			
Total	\$93,032,000		

PROJECT SCHEDULE

Total Estimated Cost of Project: 94.298 Million

